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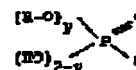
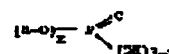
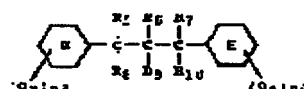
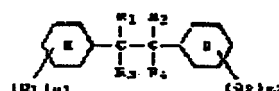
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(54) TRACTION DRIVE FLUID

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a traction drive fluid which exhibits a high traction coefficient in a wide temp. range and is excellent in friction characteristics by compounding a specific compd. having a high traction coefficient with a specific thermal copolymer, a phosphoric ester, and a friction modifier.

SOLUTION: This fluid comprises a compd. (A) represented by formula I or II (wherein R1 to R10 are each H, a 1-3C alkyl, or cyclohexyl; Q1 to Q4 are each a 1-3C alkyl or cyclohexyl; and n1 to n4 are each 0-5), a (hydrogenated) thermal copolymer (B) obt'd. from a cyclopentadiene compd. and a vinylarom. hydrocarbon and having at least either a softening point of 40° C or higher or a wt. average mol.wt. of 250 or higher, a phosphoric ester (D) selected from among compds. represented by formulas III to V [wherein R is H or a (sulfur- contg.) 1-30C hydrocarbon group; and X and Y are each 1 or 2], and at least one friction modifier (E) selected from among N-based and ester-based friction modifiers. The fluid may contain a compd. (C) such as represented by formula VI (wherein Q5 is the same as Q1 to R4; and n5 is 0-10) and having a viscosity lower than that of compd. A at 40° C.



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